

Serial No. 09/729,675
Art Unit 2875

LISTING OF THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1-13 (Cancelled).

Claim 14. (Currently amended) An explosion resistant reflector for use with a high-pressure gas discharge lamp that is prone to explosion, comprising

a substrate having a first surface, a second surface opposite said first surface, said first surface being disposable proximate said high-pressure gas discharge lamp, said substrate being formed of a material selected from the group consisting of glass, glass-ceramic, and plastic; and

a protective plastic coating being disposed on said second surface, said protective plastic coating having a first thickness, said first thickness being sufficient to retain particles of said substrate upon explosion of said high-pressure gas discharge lamp.

Claim 15. (Cancelled).

Claim 16. (Cancelled).

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Claim 17. (Currently amended) ~~The explosion resistant reflector as in claim 14~~ An explosion resistant reflector for use with a high-pressure gas discharge lamp that is prone to explosion, comprising:

a substrate having a first surface, a second surface opposite said first surface, said first surface being disposable proximate said high-pressure gas discharge lamp, said substrate being formed of a material selected from the group consisting of glass, glass-ceramic, and plastic; and

a protective plastic coating being disposed on said second surface, said protective plastic coating having a first thickness, said first thickness being sufficient to retain particles of said substrate upon explosion of said high-pressure gas discharge lamp, wherein said first thickness is between 5 μ to 50 μ .

Claim 18. (Currently amended) ~~The explosion resistant reflector as in claim 14~~ An explosion resistant reflector for use with a high-pressure gas discharge lamp that is prone to explosion, comprising:

a substrate having a first surface, a second surface opposite said first surface, said first surface being disposable proximate said high-pressure gas discharge lamp, said substrate being formed of a material selected from the group consisting of glass, glass-ceramic, and plastic; and

a protective plastic coating being disposed on said second surface, said protective plastic coating having a first thickness, said first thickness being sufficient to retain particles of said substrate upon explosion of said high-pressure gas discharge lamp, wherein said first thickness is 40 μ .

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Claim 19. (Previously presented) The explosion resistant reflector as in claim 14, wherein said protective plastic coating forms a continuous layer over all of said second surface.

Claim 20. (Previously presented) The explosion resistant reflector as in claim 14, wherein said protective plastic coating forms a ring about a portion of said second surface.

Claim 21. (Previously presented) The explosion resistant reflector as in claim 14, wherein said protective plastic coating is permeable towards light and/or heat.

Claim 22. (Previously presented) The explosion resistant reflector as in claim 14, wherein said protective plastic coating is unpermeable towards light and/or heat.

Claim 23. (Previously presented) The explosion resistant reflector as in claim 14, wherein said explosion resistant reflector is useable in a data projector so that said protective plastic coating prevents damage to optical components and/or electronic components of said data projector upon explosion of said high-pressure gas discharge lamp.